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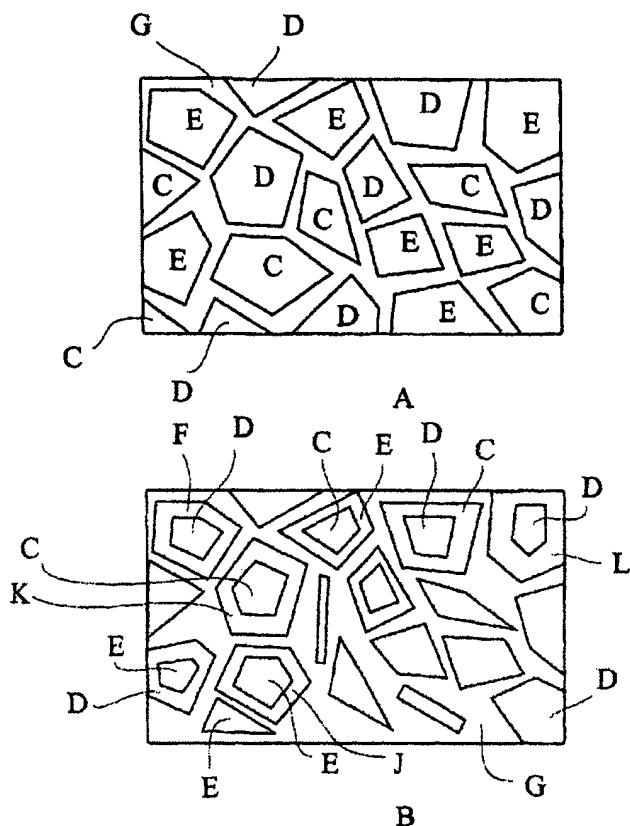
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(54) Title: COATINGS OF  $M_{n+1}AX_n$  MATERIAL FOR ELECTRICAL CONTACT ELEMENTS



(57) Abstract: An element for making an electric contact to a contact member (5, 15, 19, 41) for enabling an electric current to flow between said element and said contact member, said element (3, 14, 42) comprising a body (6) having at least a contact surface (2, 4, 16, 43, 44) thereof coated with a contact layer applied against said contact member. The contact layer comprises a film comprising a multielement material with equal or similar composition as any of a layered carbide or nitride that can be described as  $M_{n+1}AX_n$ , where M is a transition metal or a combination of a transition metals, n is 1, 2, 3 or higher, A is an group A element or a combination of a group A element, element and X is Carbon, Nitrogen or both.

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